Assignment 3
Due Thursday, February 11

1. Suppose a position in Nim consists of three piles with 43, 55 and 17 stones. There is exactly one move that results in a win for the player about to move. Find the move, and explain how you do it.
2. In the Hex game shown it is White’s move, and White is trying to connect top to bottom. What should White do next? Explain completely how White can win with your move.
3. Trace the path of white markers from top to bottom according to the “walking around” method. Use arrows as indicated at the start of the path below.